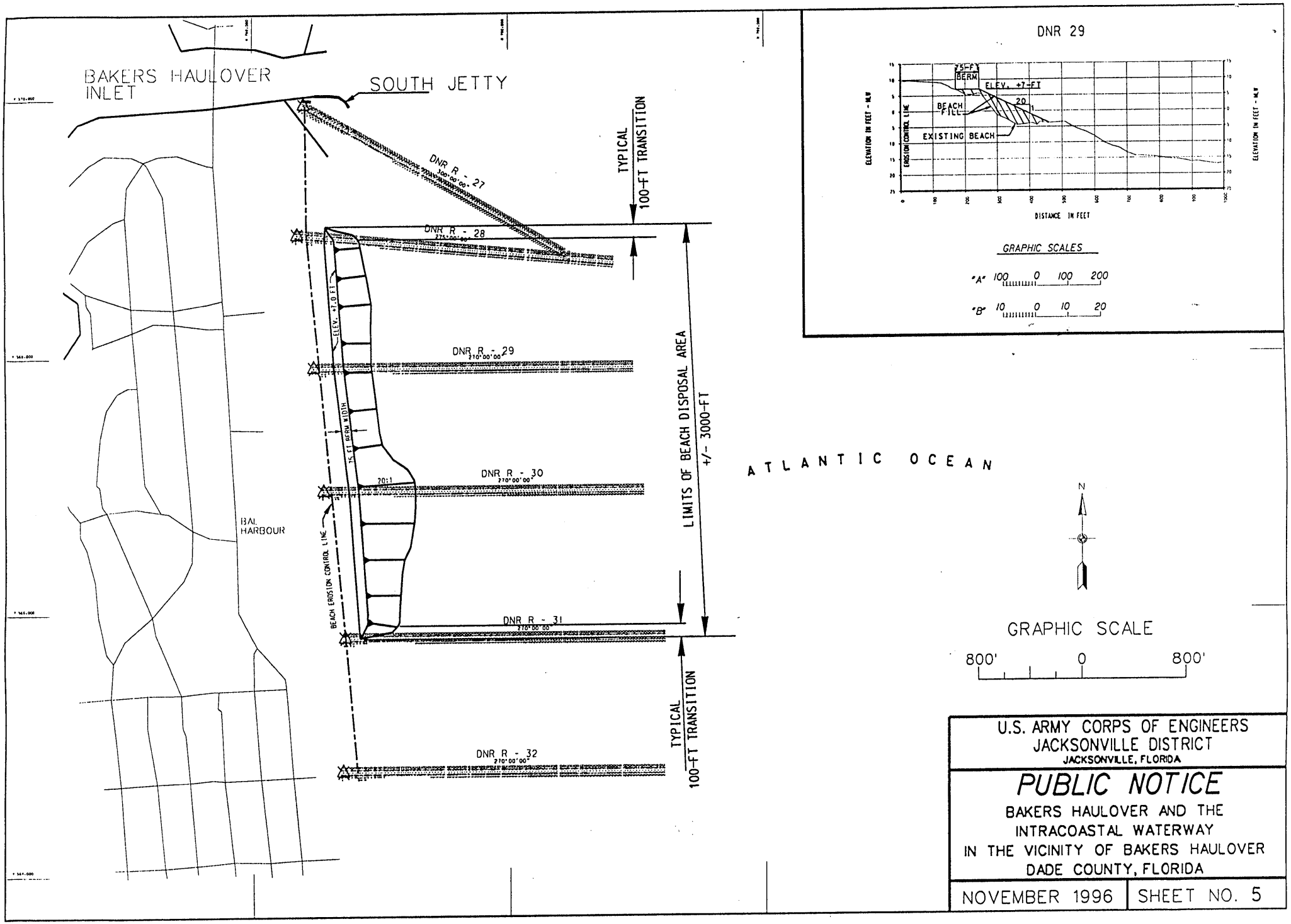

U.S. ARMY CORPS OF ENGINEERS
JACKSONVILLE DISTRICT
JACKSONVILLE, FLORIDA

PUBLIC NOTICE

BAKERS HAULOVER AND THE
INTRACOASTAL WATERWAY
IN THE VICINITY OF BAKERS HAULOVER
DADE COUNTY, FLORIDA

NOVEMBER 1996 | SHEET NO. 5

CESAJ-CO-OM/Brodehl 11/21/96
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CESAJ-CO-O/Fore
CESAJ-PD-ER
CESAJ-CO-OM/Beasley
CESAJ-CO-O/Adams
CESAJ-CO/DiChiara

SOIL CONSERVATION SERVICE
PLANNING MANAGER BUREAU OF SUBMERGED LANDS DEPARTMENT
BUREAU OF SOIL AND WATER CONSERVATION
FLORIDA OFFICE OF ENTOMOLOGY
ST. JOHN'S RIVER WATER MANAGEMENT DISTRICT
SOUTH FLORIDA WATER MANAGEMENT DISTRICT
FLORIDA STATE CLEARINGHOUSE
FLORIDA MARINE PATROL
BUREAU OF STATE PLANNING
FLORIDA DIVISION OF RECREATION
NORTHEAST FLORIDA REGIONAL PLANNING COUNCIL
HABITAT CONSERVATION SERVICE
FLORIDA STATE CONSERVATION SERVICE

ENVIRONMENTAL ORGANIZATIONS:
FLORIDA AUDUBON SOCIETY
FLORIDA WILDLIFE FEDERATION
SIERRA CLUB
FLORIDA DEFENDERS OF THE ENVIRONMENT
NATIONAL ESTUARY PROGRAM

LOCAL GOVERNMENTS AND ORGANIZATIONS:
DIRECTOR, PUBLIC WORKS DEPARTMENT, MIAMI BEACH
FLORIDA INLAND NAVIGATION DISTRICT
METRO DADE PLANNING DEPARTMENT
BOARD OF COUNTY COMMISSIONERS, DADE COUNTY
DEPARTMENT OF ENVIRONMENTAL RESOURCE MANAGEMENT
FLORIDA INLAND NAVIGATION DISTRICT
SOUTH FLORIDA REGIONAL PLANNING COUNCIL

LOCAL MEDIA:
THE MIAMI HERALD
BROWARD REVIEW

FOR THE COMMANDER:

GIRLAMO DiCHIARA
Chief, Construction-Operations
Division

DIVISIONS OF FLORIDA DEPARTMENT OF STATE
Office of the Secretary
Office of International Relations
Division of Administrative Services
Division of Corporations
Division of Cultural Affairs
Division of Elections
Division of Historical Resources
Division of Library and Information Services
Division of Licensing

MEMBER OF THE FLORIDA CABINET
Historic Florida Keys Preservation Board
Historic Palm Beach County Preservation Board
Historic Pensacola Preservation Board
Historic St. Augustine Preservation Board
Historic Tallahassee Preservation Board
Historic Tampa/Hillsborough County Preservation Board
Ringling Museum of Art

FLORIDA DEPARTMENT OF STATE
Sandra B. Mortham
Secretary of State
DIVISION OF HISTORICAL RESOURCES

September 30, 1996

Mr. A. J. Salem
Regulatory Division, Permits Branch
Jacksonville District, Corps of Engineers
P.O. Box 4970
Jacksonville, Florida 32232-0019

In Reply Refer To:
Scott B. Edwards
Historic Sites Specialist
(904) 487-2333
Project File No. 963271

RE: Cultural Resource Information Assessment Request
Dredging in the vicinity of Bakers Haulover Inlet
Dade County, Florida

Dear Mr. Salem:

In accordance with the procedures contained in 36 C.F.R., Part 800 ("Protection of Historic Properties"), we have reviewed the referenced project for possible impact to historic properties listed, or eligible for listing, in the *National Register of Historic Places*. The authority for this procedure is the National Historic Preservation Act of 1966 (Public Law 89-665), as amended.

A review of the Florida Master Site File and our files indicated that there are no archaeological or historic sites recorded within the project area. However, the lack of recorded historic properties is not considered significant because the area has never been subjected to a systematic, professional survey to locate such properties. We have discussed the matter of shipwrecks with Jim Dunbar of the Underwater Archaeology Section. Mr. Dunbar is unaware of the location of the historic wrecks in Biscayne Bay, as mentioned in your letter, but would recommend that, prior to initiating any project related activities within the project area, a systematic, professional magnetometer survey be performed.

The results of the investigations will determine if significant historic properties would be disturbed by this project. In addition, if significant remains are located, the data described in the report and the archaeologist's conclusions will assist this office in determining measures that must be taken to avoid, minimize, or mitigate adverse impacts to historic properties listed, or eligible for listing in the *National Register of Historic Places.*

If you have any questions concerning our comments, please do not hesitate to contact us. Your interest in protecting Florida's historic properties is appreciated.

Sincerely,

Laura A. Kammerer

for George W. Percy, Director
Division of Historical Resources
and
State Historic Preservation Officer

GWP/Ese

(3)

Re the Notice RNBH 213

2/25/97

Gentlemen:

I looked over your proposed dredging. May I strongly suggest you dredge a channel from the Harbor Channel on the Bay straight across the North-South Intercoastal Channel.

This would permit boats heading North that want to go into the ocean thru Harbor, the ability to keep a legal speed.

As it is now, one has to get out of the channel at the edge of Bay Harbor & go at a slow speed to Harbor. No one goes 6 knots & so many are speeding. By connecting the channel to Harbor, I would eliminate the problem.

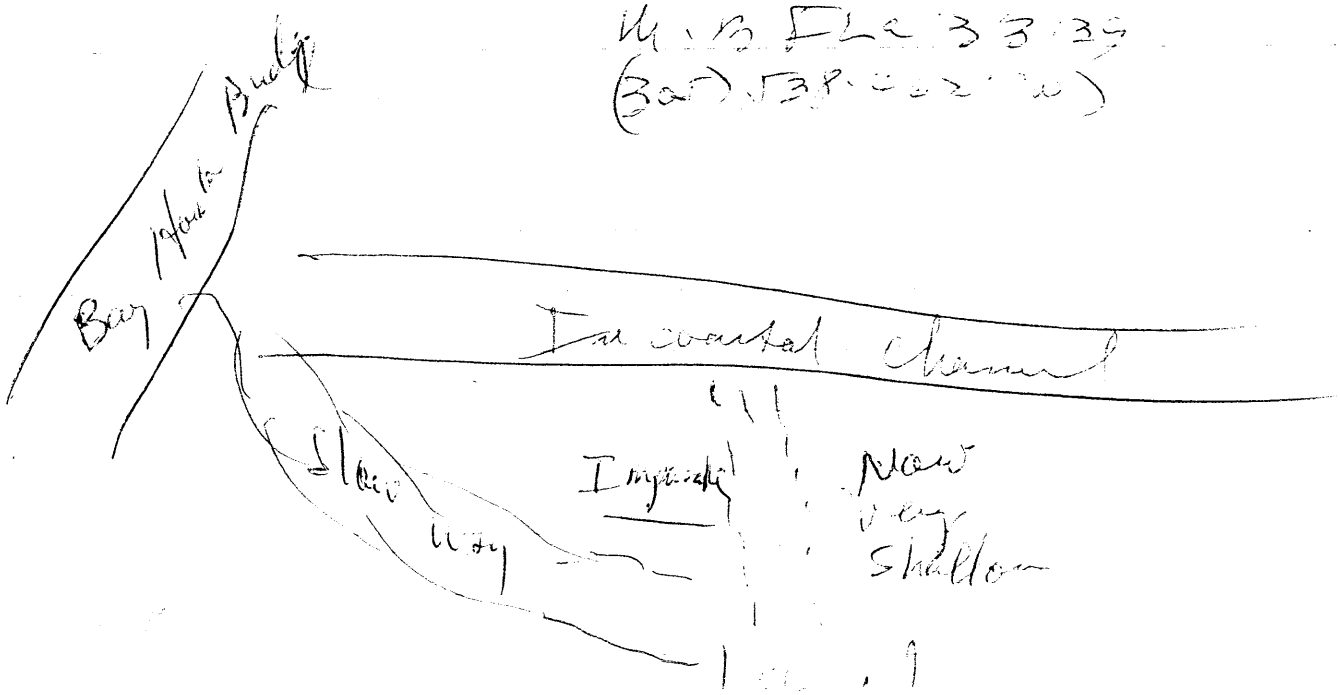
What do you think?

Sincerely yours,

[redacted]

[redacted]

[redacted]



(1)

CONVERSATION RECORD

TIME 1:45 | DATE 2/18/97

TYPE ☐ VISIT ☐ CONFERENCE ☒ TELEPHONE ☐ INCOMING ☐ OUTGOING

Location of Visit/Conference:

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU	ORGANIZATION (Office, dept., bureau, etc.)	TELEPHONE NO.
MR STANLEY FEINMAN		

ROUTING

NAME/SYMBOL	INT

SUBJECT

(1) BAKER'S HAULOVER DREDGING

PUBLIC NOTICE

SUMMARY

- MR FEINMAN EXPRESSED CONCERNS ABOUT THE PLACEMENT OF MATERIAL IN BAL HARBOR DISPOSAL AREA RATHER THAN NORTH OF THE INLET

- HE ALSO MENTIONED THE PRESENCE OF SHOAL MATERIAL IN THE REGION OUTSIDE OF THE FEDERAL CHANNEL.

I ATTEMPTED TO HELP MR FEINMAN WITH INFORMATION ON THE PROJECT.

ACTION REQUIRED

- REFER BEACH NOURISHMENT QUESTIONS TO CHARLIE STEVENS (2113

NAME OF PERSON DOCUMENTING CONVERSATION	SIGNATURE	DATE
BRODEHL, BRIAN		

ACTION TAKEN

SIGNATURE	TITLE	DATE

(2)

OFFICE OF THE MAYOR
BAL HARBOUR VILLAGE
655 NINETY SIXTH STREET
BAL HARBOUR, FLORIDA 33154

ESTELLE SPIEGEL
MAYOR

(305) 866-4633

March 7, 1997

Colonel Terry L. Rice
District Engineer
Department of the Army
Jacksonville District Corps of Engineers
P.O. Box 4970
Jacksonville, Florida 32232-0019

Re: Public Notice No. PN-BH-213

Dear Colonel Rice:

Bal Harbour feels very strongly that the sand generated by the above referenced dredging project should be placed on Bal Harbour's beach. If not for the "man made" Haulover Inlet, this sand would have naturally flowed south to our beach. In addition, it makes economic sense to dispose of this excess sand in the most cost effective manner. Since Bal Harbour is located immediately south of this area, the cost involved with moving the sand to its new location would be minimized.

Finally, Bal Harbour is willing to discuss the possibility of assisting financially to ensure that we receive this sand.

Should you have any questions, or would iike to discuss this issue, please contact me. Thank you.

Sincerely,

Estelle Stern Spiegel
Mayor

ESS/elw

cc: Mr. Girlamo Dichiara, Division Engineer, Army Corps of Engineers
Mr. Brian Brodehl, Construction-Operations Division, Army Corps of Engineers

CONVERSATION RECORD

TIME	DATE
14:30	14 Sep 93

TYPE
☐ VISIT ☐ CONFERENCE X TELEPHONE
☐ INCOMING
X OUTGOING

Location of Visit/Conference:

ROUTING

NAME/SYMBOL INITIALS Mazer

NAME OF PERSON(S) CONTACTED OR IN CONTACT WITH YOU	ORGANIZATION (Office, dept., bureau, etc.)	TELEPHONE NO:
Susan Hammersten	SHPO/Compliance Review Section	904-487-2333

SUBJECT
Bakers Haulover O&M, Dade County, FL

SUMMARY (Note: Laura Kammerer was TDY.)

Advised her that CESAJ was revising the EA for the subject project and the disposal area is being moved from the north side of the inlet to the south.

She concurred with our determination that maintenance dredging with placement of dredged material on the beach will have no new impacts on cultural resources.

ACTION REQUIRED Coordinate with PD-ES. Revise cultural sections of EA to reflect beach disposal area south of Bakers Haulover Cut.

NAME OF PERSON DOCUMENTING CONVERSATION	SIGNATURE	DATE
Janice E. Adams		14 Sep 93

ACTION TAKEN

SIGNATURE	TITLE	DATE

APPENDIX V

SECTION 404(B)(1) EVALUATION

SECTION 404(b)(1) EVALUATION
DREDGED MATERIAL

I. Project Description

a. Location. Intracoastal Waterway, Vicinity Bakers Haulover, Dade County, Florida.

b. General Description. The proposed maintenance dredging of the Intracoastal Waterway in the vicinity of Bakers Haulover, Dade County, Florida, includes the excavation of shoaled bottom material from the inlet cut and the IWW (Figure 1). Dredging would be required to a depth of 10 feet with 2 feet of allowable overdepth. Dredged material would be placed either on Bal Harbour Beach or Haulover Park Beach south and north of the inlet respectively.

c. Authority and Purpose. The Intracoastal Waterway was authorized by House Document 740, 79th Congress, 2nd Session, and modified by Chief of Engineers Report dated 22 July, 1960. Since the initial maintenance, sand and sediments have periodically accumulated in the channel reducing the navigable capacity of the project. The navigation channel is used by commercial and recreational vessels. The channel depths are reduced by sedimentation. In order to maintain the Federal standard, the channel must be dredged.

d. General Description of Dredged or Fill Material

(1) General Characteristics of Material. The material to be dredged is material deposited due to flood tides entering the Inlet. The material is sandy, well sorted containing less than 7% fines.

(2) Quantity of Material. Approximately 100,000 cubic yards of material.

(3) Source of Material. IWW Cuts .

e. Description of the Proposed Discharge Site.

(1) Size and Location.

(2) Type of Site. They are beach disposal sites.

(3) Type of Habitat. The return water would be discharged to the surf zone.

(4) Timing and Duration of Discharge. Dredging and disposal will be conducted within less than 135 days.

f. Description of Disposal Method. The material will be pumped onto the beach disposal site where sand would settle out before the return water reaches the adjacent Atlantic Ocean.

II. Factual Determinations

a. Physical Substrate Determinations.

(1) Substrate Elevation and Slope. There would be a 10-foot elevation change over a 40-foot width.

(2) Sediment Type. The waterway bottom at the site of effluent return from the disposal area will not be affected by the discharge because turbidity standards will be met.

(3) Dredged/Fill Material Movement . Dredged material would be confined within berms. The suspended material easily settles out as a result of the large grain size and reduction in water velocity after exiting the discharge pipe. Effluent discharges entering the adjacent ocean will not have enough suspended particulates to cause dredge material deposition and movement concerns.

(4) Physical Effects on Benthos. Sand pumped on the beach would cover benthic organisms located in the surf zone.

(5) Other Effects. There is a high probability that sea turtle nesting would be affected by the placement of dredged material on the beach placement areas.

(6) Actions Taken to Minimize Impacts. Current U.S. Fish and Wildlife Service Reasonable and Prudent measures would be followed to avoid impacts to nesting and swimming sea turtles.

b. Water Circulation, Fluctuation and Salinity Determinations

(1) Water

(a) Salinity. No impacts to salinity at disposal site.

(b) Water Chemistry. Return water effluent will meet State water quality criteria.

(c) Clarity. Return water effluent will meet State water quality criteria for turbidity.

(d) Color. There would be no relative differences to receiving water color expected.

(e) Odor. The dredged material and return water effluent should have little or no odor and is not expected to cause either short or long-term odor problems.

(f) Taste. Not applicable.

(g) Dissolved Gas Levels. Dissolved oxygen levels in the return effluent should be sufficient to preclude adverse effects in the receiving waters. Other dissolved gases (methane, hydrogen sulfide) will be at levels that will not cause adverse impacts to the ocean.

(h) Nutrients. None.

(i) Eutrophication. None.

(2) Current Patterns and Circulation. Not applicable.

(3) Normal Water Level Fluctuations. Not applicable.

(4) Salinity Gradients. Not applicable.

(5) Actions That Will Be Taken to Minimize Impacts. The disposal site will be operated to maintain state water quality standards.

c. Suspended Particulate/Turbidity Determinations

(1) Expected Changes in Suspended Particulate and Turbidity Levels in Vicinity of Disposal Site. There will be a short-term increase in the suspended particulate/turbidity in the return effluent from the disposal area. Levels should not exceed state standards.

(2) Effects (degree and duration) on Chemical and Physical values

(a) Light penetration. Slight light penetration reduction will be temporarily experienced at the disposal site effluent return.

(b) Dissolved Oxygen. Dissolved oxygen (D.O.) levels in return water may be lower than the D.O. receiving waters due to increased biological oxygen demand (BOD) in the dredged material, but D.O. levels should not be so low as to cause adverse impacts to biota at the site.

(c) Toxic Metals and Organic. Not Applicable.

(d) Pathogens. Not Applicable.

(e) Aesthetics. No appreciable impact at the disposal site because dredging and disposal are common practices within the waterway. Turbidity plumes generated at the disposal site would be masked by the surf action.

(f) Others as Appropriate. None.

(3) Effects on Biota (consider environmental values in sections 230.21, as appropriate)

(a) Primary Production, Photosynthesis. No impact outside the surf zone.

(b) Suspension/Filter Feeders. Little or no impact is expected.

(c) Sight Feeders. Little or no impact is expected.

(4) Actions taken to Minimize Impacts. Most suspended particulate will settle out before the effluent reaches the ocean due to the large grain size of the majority of dredged material.

d. Contaminant Determinations. No sources of pollution have been identified in the project area, therefore, no contaminants are expected to be encountered.

e. Aquatic Ecosystem and Organism Determinations

(1) Effects on Plankton. No significant effects.

(2) Effects on Benthos. There would be no significant impacts on benthos in the area from the return water plume. Dredged material would cover benthic organisms at the beach site. This impact would be short-term as the area would be recolonized.

(3) Effects on Nekton. There would be no significant impact on the nekton community within the area from this dredging and disposal occurrence.

(4) Effects on Aquatic Food Web. There would be no significant impact on the aquatic food web within the waterway and ocean area from this dredging and disposal occurrence.

(5) Effects on Special Aquatic Sites.

(a) Sanctuaries and Refuges. The work is being conducted in the Biscayne Bay Aquatic Preserve. The important attributes of the preserve which include Seagrasses, manatees and good water quality would not be impacted by the work..

(b) Wetlands. Not applicable.

(c) Mud Flats. Not applicable.

(d) Vegetated Shallows. None would be affected.

(e) Coral Reefs. None.

(f) Riffle and Pool Complexes. Not applicable.

(6) Threatened and Endangered Species. There would be a short-term impact on sea turtle nesting during construction. There would be an increase in the amount of sea turtle nesting habitat available. Dredging would occur in areas used by manatees and construction boat traffic could affect manatees.

(7) Other Wildlife. None.

(8) Actions to Minimize Impacts. Work is being scheduled outside the normal sea turtle season to avoid impacts. However, should the dredging be delayed precautions will be taken to avoid impacting nesting until the project is complete. Also precautions will also be taken to avoid impacting manatees within the work area.

f. Proposed Disposal Site Determinations

(1) Mixing Zone Determination. Not applicable.

(2) Determination of Compliance with Applicable Water Quality Standards. The discharge of effluent on the beach within the disposal area would comply with State water quality standards.

(3) Potential Effects on Human Use Characteristic

(a) Municipal and Private Water Supply. Not applicable.

(b) Recreational and Commercial Fisheries. Immediate impacts to commercial fisheries resources will be insignificant.

(c) Water Related Recreation. Beach activities would be curtailed by the presence and operation of heavy equipment and pipeline discharge.. However, there would be some entertainment provided by the activity itself as well as the increased sea shell collecting that subsequently follows placing material on the beach..

(d) Aesthetics. There will be minor impacts on aesthetics because the Intracoastal waterway is dredged often. The turbidity plume generated at the disposal area would be masked by the surf zone action.

(e) Parks, National and Historical Monuments, National Seashores, Wilderness Areas, Research Sites, and Similar Preserves. The dredging would occur within the Biscayne Bay Aquatic Preserve. No adverse impacts on resources within the preserve are anticipated. The discharge could occur at Bal Harbour Park or on Haulover Park located south and north of the inlet respectively. No long-term adverse impacts are anticipated. Long-term benefits associated with slowing the erosion rate of the beach, providing additional sea turtle nesting habitat, and additional beach recreational areas.

g. Determination of Cumulative Effects on the Aquatic Ecosystem. There would be no cumulative effects on the aquatic ecosystem.

h. Determination of Secondary Effects on the Aquatic Ecosystem. Not applicable.